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LAWN MOWER 1800W

POWXQG7510



WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

1 DESCRIPTION (FIG. A)

- | | |
|---------------------------|--------------------------|
| 1. Upper handle | 10. Locking knob |
| 2. Switch handle | 11. Rear cover |
| 3. Safety push-button | 12. Locking lever |
| 4. Switch box | 13. Cable hook |
| 5. Grass catcher | 14. Mulching wedge |
| 6. Cable clamp | 15. Power plug |
| 7. Height adjusting lever | 16. Power corde |
| 8. Underpan | 17. Power cord jacket |
| 9. Motor cover | 18. Interconnection cord |

2 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packing and package inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packing materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.



WARNING: Packaging materials are not toys! Children must not play with plastic bags! Danger of suffocation!

1 lawnmower
Grass catcher 60L
1 grass trimmer
1 manual for mower





1 manual for grass trimmer
1 wrench
1 wrench pole
2 spools



If any parts are missing or damaged, please contact your dealer.

3 SYMBOLS

In this manual and/or on the machine the following symbols are used:

	Denotes risk of personal injury or damage to the tool.		In accordance with essential applicable safety standards of European directives.
	Read manual before use.		Warning! Flying objects. Beware of thrown objects hit by cutting attachment Keep bystanders away.
	Beware of sharp blades.		Keep the supply flexible cord away from the cutting blades.
	Remove the plug from the machine before maintenance or if cord damaged.		

4 GENERAL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury. Keep safety warnings and instructions for future reference. The term "power tool" in the safety warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

4.1 Working area

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

4.2 Electrical safety



Always check that the power supply corresponds to the voltage on the rating plate.

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of a lethal electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of a lethal electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of a lethal electric shock.
- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of a lethal electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of a lethal electric shock.

- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of a lethal electric shock.

4.3 *Personal safety*

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.
- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts.
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

4.4 *Power tool use and care*

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintenance. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.
- Use the power tool, accessories and cutting tools, etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

4.5 *Service*

- Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

5 ADDITIONAL SAFETY INSTRUCTIONS FOR LAWN MOWERS



WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury. Save owners manual and review frequently for continuing safe operation and instructing others who may use this tool.



WARNING: This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.



WARNING: The operation of any tool can result in foreign objects being thrown into your eyes, which can result in eyes severely damaged. Before beginning power tool operation, always wears safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shield.

- Never allow children or people unfamiliar with these instructions to use the lawnmower. Local regulations may restrict the age of the operator.
- Never mow while people, especially children or pets, are nearby.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.
- Do not operate the lawnmower when barefoot or wearing open sandals, always wear substantial footwear and long trousers.
- Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones and other foreign objects.
- Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
- Mow only in daylight or in good artificial light.
- Avoid operating the lawnmower in wet grass, where feasible.
- Walk, never run.
- Never operate the appliance with defective guards or shields, or without safety device, for example deflectors and/or grass catchers in place.
- Mowing on banks can be dangerous:
 - Do not mow excessively steep slopes.
 - Always be sure of your footing on slopes or wet grass.
 - Mow across the face of slopes – never up and down.
 - Exercise extreme caution when changing direction on slopes.
 - Use extreme caution when stepping back or pulling the lawnmower towards you.
 - Never mow by pulling the mower towards you.
- Stop the blades if the lawnmower has to be tilted for transportation when crossing surfaces other than grass and when transporting the lawnmower to and from the area to be mowed.
- Do not tilt the machine when starting or switching on the motor, except if the machine has to be tilted for starting in long grass. In this case, do not tilt it more than absolutely necessary and tilt only the part which is away from the operator. Always ensure that both hands are in the operating position before returning the machine to the ground.

- Switch on the lawnmower according to instructions and with feet well away from the blades.
- Do not put hands or feet near or under rotating parts.
- Keep clear of discharge opening at all times.
- Never pick up or carry the lawnmower while the motor is running.
- Remove the plug from the socket:
 - whenever you leave the machine
 - before clearing a blockage
 - before checking, cleaning or working on the lawnmower
 - after striking a foreign object. Inspect the lawnmower for damage and make repairs as necessary if the lawnmower starts to vibrate abnormally (check immediately).
- Keep all nuts, bolts and screws tight to be sure that the lawnmower is in safe working condition.
- Check the grass catcher frequently for wear or deterioration.
- Replace worn or damaged parts for safety.
- No to use the lawnmower if the cords are damaged or worn
- Not to connect a damaged cord to the supply or touch a damaged cord before it is disconnected from the supply. A damaged cord can lead to contact with live parts.
- Not to touch the blade before the machine is disconnected from the supply and the blade have come to a complete stop
- To keep extension cords away from the blade. The blade can cause damage to the cords and lead to contact with live parts.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- If the external flexible cable or cord is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard
- Follow the instructions for safe use, including the recommendation that it must be supplied with a Residual Current Device (RCD) with a tripping current of not more than 30 mA.

6 ASSEMBLY

6.1 Folding handle

- Fix the lower handlebars into the unit body with the locking knobs. (Fig 1A)
- Release the upper handlebars for folding. Connect the upper handle and the lower handle with the locking lever. (Fig 1B)
- Attach the cable-clamp to the position shown and then attach the cable. (Fig 1C-D)

6.2 The grass catcher (5)

- To fit: Raise the rear cover and hitch the grass catcher on rear of mower. (Fig 2A-B)
- To remove: grasp and lift rear cover, remove grass catcher.



Note: There is a window on the rear cover. You can see the condition of grass through the window. If the catcher is full of grass, you will empty and clean the bag, make sure it is clean and ensure its meshwork is ventilated.

6.3 Adjustment of cutting height (7)

Apply outward pressure to disengage lever from rack. Move lever forward or back to adjust height. (Fig 3)

The height (the blade to the ground) can be adjusted from 30mm (the lowest position) to 90mm (the highest position), 7 height positions (30mm/ 40mm/ 50mm/ 60mm/ 70mm/ 80mm/ 90mm).



Warning: Make this adjustment only when blade is stopped.

6.4 Adjustment for an appropriate angle (Fig 4)

- Pull the locking lever opening.
- By rotating the upper handle, which acts on the adjustment mechanism for angle adjustment, a suitable angle can be adjusted in the range of -20 ° to 20 °
- Push the locking lever closed to connect the lower handle and the upper handle.

7 MULCHING

7.1 What is mulching

When mulching, the grass is cut in one working step, then finely chopped and returned to the grass strip as natural fertilizer.

Hints for mulch-mowing:

- Regular cut-back by max.2cm from 6cm to 4cm grass height.
- Use a sharp cutting knife
- Do not mow wet grass
- Set to max. motor speed
- Only move at working pace
- Regularly clean mulching wedge, housing inner side and mowing blade

7.2 Different uses

7.2.1 Mulching mower



WARNING: only with a stopped motor and standstill cutter.

- Raise the rear cover and remove the grass catcher. (Fig A)
- Push the mulching wedge into the deck. Lock the mulching wedge with the button into the opening on the deck.
- Lower the rear cover again. (Fig 5B)

7.2.2 Mowing with the grass catch bag



WARNING: only with a stopped motor and standstill cutter.

- For mowing with the grass catch bag, remove the mulching wedge and mount the grass catch bag.
- Removing the mulching wedge.
Lift rear cover and remove the mulching wedge.

8 SAFETY PRECAUTIONS (FIG 6)

- Always operate with the deflector or grass catcher in the correct position.
- Always stop the motor before removing the grass catcher or adjusting the height of cutting position.

- Before mowing, remove all foreign objects from the lawn which may be thrown by the machine. While mowing, stay alert for any foreign objects which may have been missed.
- Never lift the rear of the mower while starting the motor or during normal operation.
- Never place your hands or feet underneath the floor pan or into the rear discharge chute while the motor is running.

9 STARTING

Before connecting up the lawn mower to the electric power supply, make sure that the mains supply voltage is 230-240 V~50 Hz. When the lawn trimmer power on the indicator light will turn on. (Fig 7) Start the motor as follows:

- Press the safety push-button. (3)
- And meanwhile, pull the the switch handle, and keep it in grasp. (2)

Once the motor is running, push the lawn mower manually.

If you release the switch handle, the motor will stop.



CAUTION! The blade starts turning as soon as the motor is started.

WARNING! Cutting elements continue to rotate after the motor is switch off.



CAUTION! The equipment is suitable for use only in a power supply which permissible modulus of system impedance is 0.320Ω or less.

9.1 For the best results when mowing

Clear lawn of debris. Be sure that the lawn is clear of stones, sticks, wire or other foreign objects which could be accidentally thrown out by the mower in any direction and cause serious personal injury to the operator and others as well as damage to property and surrounding objects. Do not cut wet grass. For effective mowing do not cut wet grass because it tends to stick to the underside of the deck preventing proper mowing of the grass clippings. Cut no more than 1/3 the length of the grass. The recommended cut for mowing is 1/3 the length of the grass. Ground speed will need to be adjusted so the clippings can be dispersed evenly into the lawn. For especially heavy cutting in thick grass it may be necessary to use one of the slowest speeds in order to get a clean well mowed cut. When mowing long grass you may have to cut the lawn in two passes, lowering the blade another 1/3 of the length for the second cut and perhaps cutting in a different pattern than was used the first time. Overlapping the cut a little on each pass will also help to clean up any stray clippings left on the lawn. The mower should always be operated at full throttle to get the best cut and allow it to do the most effective job of mowing. Clean underside of deck. Be certain to clean the underside of the cutting deck after each use to avoid a build-up of grass, which would prevent proper mulching. Mowing leaves. The mowing of leaves can also be beneficial to your lawn. When mowing leaves make sure they are dry and are not laying too thick on the lawn. Do not wait for all the leaves to be off the trees before you mow.



WARNING: if you strike a foreign object, stop the engine and wait until cutting device has come to a complete standstill. Thoroughly inspect the mower for any damage and repair the damage before restarting and operating the mower. Extensive vibration of the mower during operation is an indication of damage. The unit should be promptly inspected and repaired.

9.2 Grass catcher (5)

There is a window on the rear cover. (Fig 8) You can see the condition of grass catcher through the window. If the catcher is full of grass, you will empty and clean the bag, make sure it is clean and ensure its meshwork is ventilated.

9.3 Height adjustment instructions (Fig 3)



CAUTION: Do not at any time make any adjustment to lawnmower without first stopping the engine and waiting until cutting device has come to a complete standstill.



CAUTION: before changing mowing height, stop mower and wait until cutting device has come to a complete standstill.

Your mower is equipped with a central height adjustment lever offering 7 height positions.

- Stop mower and wait until cutting device has come to a complete standstill before changing mower cutting height.
- The central height adjustment lever offers you 7 different height positions.
- To change the height of cut, squeeze adjuster lever toward the wheel, moving up or down to selected height.
- All wheels will be in the same height of cut.

10 BLADE

The blade is made of pressed steel. It will be necessary to reshape it frequently (with a grind wheel).

Ensure that it is always balanced (an unbalanced blade will cause dangerous vibrations). To check for balance, insert a round rod through the central hole and support the blade horizontally. A balance blade will remain horizontal. If the blade is not balanced the heavy end will rotate downwards. Reshape the heavy end until the blade is currently balanced. To remove the blade, unscrew the blade screw.

Check the conditions of the fan, and replace any parts, which are damaged.

When reassembling, make sure that the cutting edges face in the direction of the motor rotation. The blade screw must be torque to 25NM.

11 EXTENSION CORDS

You should only use extension cords for outdoor use, PVC ordinary duty with a cross sectional area not less than 1.0mm².

Before using, check the supply and extension cords for signs of damaged during use, disconnect the cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the appliance if the cord is damaged or worn. Keep extension cord away from cutting elements.



Warning: Always ensure that the ventilation openings are kept clear of debris.

We wish to thank you for choosing our products. We are confident that the high quality of our machine will meet with your satisfaction and appreciation and that we will give you long-lasting service.

Before starting to use your machine, make sure to read with care this manual, which has been purposely drawn up to provide you with all the necessary information for proper use, in compliance with basic safety requirements.

12 CLEANING AND MAINTENANCE



Warning: Before performing any Maintenance or cleaning work, Always pull out the mains plug!

Do not spray the unit with water. Ingress of water may destroy the Switch-plug combination unit and the electric motor. Clean the unit with a cloth, hand brush, etc. Expert inspection is required, do not make any adjustment by yourself, must contact to customer Service centre:

- If the lawn mower strikes an object.
- If the motor stops suddenly
- If the blade is bent (do not align!)
- If the motor shaft is bent (do not align!)
- If a short-circuit occurs when the cable is connected.
- If the gears are damaged.
- If the v-belt is defective.

13 TROUBLESHOOTING

FAULT	REMEDIAL ACTION
Motor does not run	<ul style="list-style-type: none"> ▪ Check mains connection cable ▪ Start on short grass or on an area which has already been mown. ▪ Clean discharge channel/housing –the mowing blade must rotate freely ▪ Correct the cutting height.
Motor power drops	<ul style="list-style-type: none"> ▪ Correct the cutting height. ▪ Clean discharge channel/housing ▪ Have mowing blade resharpened /replaced -> customer Service centre.
Grass catcher is not filled	<ul style="list-style-type: none"> ▪ Correct the cutting height ▪ Allow the lawn to dry ▪ Have mowing blade resharpened /replaced -> customer Service centre. ▪ Clean the grille on the grass catcher ▪ Clean the discharge channel /housing
Wheel drive does not function	<ul style="list-style-type: none"> ▪ Adjust the flexible cable ▪ Check the V-belt / gears ->customer Service centre. ▪ Check the drive wheels for damage

14 TECHNICAL DETAILS

Model nr.	POWXQG7510
Power consumption	1800W
Power supply	230-240V - /50Hz
Cutting width	460mm
Cutting height	30-90mm, 7 adjustment
No load speed	2900min ⁻¹
Nylon grass collection bag	60l
Front wheel	200mm
Rear wheel	275mm
Weight	29kg
Protection class	II
Degree of protection against liquid	IP24

15 NOISE

Noise emission values measured according to relevant standard. (K=3)

Acoustic pressure level LpA	82 dB(A)
Acoustic power level LwA	96 dB(A)



ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).

aw (Vibration):	1.0 m/s ²	K = 1.5 m/s ²
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16 WARRANTY

- This product is warranted for a 5-year period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws excluding : batteries, chargers, defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc. ; damage or defects resulting from maltreatment, accidents or alterations; nor the cost of transportation.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorised customer service centre for Powerplus tools.
- You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing.
- At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexpert assembly, lightning strike, erroneous net voltage. This list is not exhaustive.
- Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.

- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV.
- We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase.

17 ENVIRONMENT



Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

18 DECLARATION OF CONFORMITY

VARO N.V. - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM, declares that,

Product: Electric lawn mower 1800W

Trade mark: POWERplus

Model: POWXQG7510

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);

2011/65/EU

2004/108/EC

2006/42/EC

2000/14/EC

Annex VI

LwA

93dB(A) / 96dB(A)

Testing Authority Intertek / Munich

European harmonized standards (including, if applicable, their amendments up to the date of signature);

EN60335-1 : 2012

EN60335-2-77 : 2010

EN55014-1 : 2006

EN55014-2 : 1997

EN61000-3-2 : 2006

EN61000-3-11 : 2000

Keeper of the Technical Documentation : Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Philippe Vankerkhove
Regulatory Affairs – Compliance Manager
30/09/13